Title (en)
METHOD AND APPARATUS TO MANAGE USAGE OF AN ACCESS POINT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR VERWALTUNG DER NUTZUNG EINES ZUGANGSPUNKT

Title (fr)
PROCÉDÉ ET APPAREIL POUR GÉRER L'UTILISATION DU POINT D'ACCÈS

Publication
EP 3920598 B1 20231122 (EN)

Application
EP 21169857 A 20150924

Priority
- EP 21169857 A 20150924
- EP 15904903 A 20150924
- US 2015052044 W 20150924

Abstract (en)
[origin: WO2017052564A1] A method of determining a problem with data packet transmission speed over a first communication medium coupled between a plurality of content servers and an ISP communication device. The method comprises repeatedly measuring the data packet transmission speed over the first communication medium coupled between each of the plurality of content servers and the ISP communication device, and determining there is a problem with the data packet transmission speed over the first communication medium coupled between one of the plurality of content servers and the ISP communication device when the repeatedly measured data packet transmission speeds over the first communication medium coupled between the one of the plurality of content servers and the ISP communication device is substantially different from the repeatedly measured data packet transmission speeds over the first communication medium coupled between other of the plurality of content servers and the ISP communication device.

IPC 8 full level
H04L 41/0677 (2022.01); **H04L 43/0894** (2022.01); **H04L 43/50** (2022.01); H04W 48/20 (2009.01); H04W 88/06 (2009.01)

CPC (source: EP KR US)
H04L 12/5692 (2013.01 - US); **H04L 41/0677** (2013.01 - EP US); **H04L 43/0894** (2013.01 - EP KR US); **H04L 43/091** (2022.05 - KR); **H04L 43/50** (2013.01 - EP US); **H04L 47/25** (2013.01 - KR); H04W 48/20 (2013.01 - EP); H04W 88/06 (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017052564 A1 20170330; CN 109196822 A 20190111; CN 109196822 B 20220408; EP 3353953 A1 20180801; EP 3353953 A4 20190220; EP 3353953 B1 20210602; EP 3920598 A1 20211208; EP 3920598 B1 20231122; EP 3920598 C0 20231122; ES 2875728 T3 20211111; ES 2969362 T3 20240517; HU E055393 T2 20211129; JP 2018528549 A 20180927; KR 20180058720 A 20180601; KR 20230003403 A 20230105; US 10567266 B2 20200218; US 10904129 B2 20210126; US 11706118 B2 20230718; US 2019238444 A1 20190801; US 2020153723 A1 20200514; US 2021152458 A1 20210520; US 2023370356 A1 20231116

DOCDB simple family (application)
US 2015052044 W 20150924; CN 201580083378 A 20150924; EP 15904903 A 20150924; EP 21169857 A 20150924; ES 15904903 T 20150924; ES 21169857 T 20150924; HU E15904903 A 20150924; JP 2018515633 A 20150924; KR 20187008197 A 20150924; KR 20227044452 A 20150924; US 201515753159 A 20150924; US 202016747270 A 20200120; US 202117157875 A 20210125; US 202318222440 A 20230715